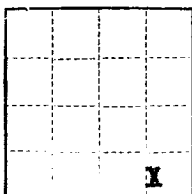


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Land Office **New Mexico**  
Lease No. **NM 06686**  
Unit **J. V. Fritts**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

J. V. Fritts

Farmington, New Mexico March 23, 1959

Well No. **1** is located **700** ft. from **S** line and **500** ft. from **E** line of sec. **10**  
**SE/4 of Section 10** **T-30-N** **R-16-W** **N.M.P.M.**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Horseshoe Gallup** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5378** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

J. V. Fritts Well No. 1 - perforated Lower Gallup with two shots per foot 1774-1804. Sand-oil fracked with 27,500 gallons oil and 60,000 pounds sand. Tapered treatment 10,000 gallons at one pound per gallon, next 10,000 gallons at two pounds per gallon, last 7500 gallons at four pounds per gallon. Formation broke at 1500 pounds, maximum treating pressure 2150 pounds, minimum treating pressure 1550 pounds, average injection rate 51 barrels per minute. Perforated upper Gallup with two shots per foot 1688-1720. Set bridge plug at 1740'. Sand-oil fracked upper Gallup with 30,400 gallons oil and 30,000 pounds sand. Formation broke at 1700 pounds, maximum treating pressure 1900 pounds, minimum treating pressure 1550 pounds, average injection rate 62 barrels per minute. Pulled bridge plug. Cleaned out to plug back depth. 2" tubing landed at 1811'. Well is currently recovering load oil used during completion operations.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Pan American Petroleum Corporation**

Address **Box 487**  
**Farmington, New Mexico**

ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_  
Title **Field Engineer**